

Teacher Self-Assessment Survey

5-8 Technology

PLEASE READ THE FOLLOWING CAREFULLY.

Please note that there are two responses to each of the following benchmarks. The first response will indicate teachers' content needs around Montana's Content and Student Performance Standards. The second response will identify problematic instructional areas found in the Standards.

In the first response, please assess your own content knowledge using these choices:

Teacher Content Comfort

- A. I am **very comfortable** with my content knowledge of this benchmark.
- B. I am **comfortable** with my content knowledge of this benchmark.
- C. I am **uncomfortable** with my content knowledge of this benchmark.
- D. I am **very uncomfortable** with my content knowledge of this benchmark.
- E. I do not understand what this benchmark means.

For the second response, please assess your students' ability to comprehend and retain the content using these choices:

Ease of Student Learning

- A. Most of my students **only need to review** this concept or skill.
- B. With instruction and practice, **most of my students can learn** this concept or skill.
- C. Even with instruction and practice, **most of my students have a very difficult time learning** this concept or skill.
- D. **I do not review or teach** this concept or skill.
- E. I do not understand what this benchmark means.

Q. 40 Do you teach technology? A. Yes B. No

Q. 41 When teaching, what grade levels do you teach? (Mark all that apply.)
A. 5 B. 6 C. 7 D. 8

Q. 42 Have you had an opportunity to review the Montana Technology Content Standards prior to completing this survey? A. Yes B. No

Technology Standard 1. Students demonstrate an understanding of the basic operation of technologies.

Technology

Q. 43-44 use and refine skills and procedures needed to operate various technologies.

Teacher Content Comfort Q. 43 A B C D E
Ease of Student Learning Q. 44 A B C D E

Q. 45-46 develop competence with basic system and tool set-up, technical terminology, and basic care and maintenance.

Teacher Content Comfort Q. 45 A B C D E
Ease of Student Learning Q. 46 A B C D E

Q. 47-48 develop troubleshooting strategies to solve operations problems (e.g., lost files, equipment failures).

Teacher Content Comfort Q. 47 A B C D E
Ease of Student Learning Q. 48 A B C D E

Technology Standard 2. Students use a variety of technologies to enhance productivity.

Technology

Q. 49-50 refine skills to enhance performance and ease task completion (e.g., programming, authoring, editing).

Teacher Content Comfort Q. 49 A B C D E
Ease of Student Learning Q. 50 A B C D E

Q. 51-52 apply technology in designing, developing and presenting a project.

Teacher Content Comfort Q. 51 A B C D E
Ease of Student Learning Q. 52 A B C D E

Q. 53-54 compare technologies and select the best one for a task.

Teacher Content Comfort Q. 53 A B C D E
Ease of Student Learning Q. 54 A B C D E

Technology Standard 3. Students use a variety of technologies for communication.

Technology

Q. 55-56 identify and use telecommunications tools to exchange ideas and information with others (e.g., geographic information, system map, web page).

Teacher Content Comfort Q. 55 A B C D E
Ease of Student Learning Q. 56 A B C D E

Q. 57-58 identify and use telecommunications tools to participate in on-line projects.

Teacher Content Comfort Q. 57 A B C D E
Ease of Student Learning Q. 58 A B C D E

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Technology Standard 4. Students use technology responsibly and understand its impact on individuals and society.		Technology						
Q. 59-60	safely use various technologies (e.g., e-mail, chat software, tools).	Teacher Content Comfort	Q. 59	A	B	C	D	E
		Ease of Student Learning	Q. 60	A	B	C	D	E
Q. 61-62	develop a personal code of standards for ethical technology use (e.g., privacy, copyright, etiquette).	Teacher Content Comfort	Q. 61	A	B	C	D	E
		Ease of Student Learning	Q. 62	A	B	C	D	E
Q. 63-64	explore the present and future impacts of technology on people and the environment.	Teacher Content Comfort	Q. 63	A	B	C	D	E
		Ease of Student Learning	Q. 64	A	B	C	D	E
Technology Standard 5. Students develop the skills, knowledge and abilities to apply a variety of technologies to conduct research, manage information and solve problems.		Technology						
Q. 65-66	ask questions and use technology resources to solve problems.	Teacher Content Comfort	Q. 65	A	B	C	D	E
		Ease of Student Learning	Q. 66	A	B	C	D	E
Q. 67-68	use various technologies and develop strategies to assess the quality of sources and information.	Teacher Content Comfort	Q. 67	A	B	C	D	E
		Ease of Student Learning	Q. 68	A	B	C	D	E
Q. 69-70	organize information from technical sources and communicate findings.	Teacher Content Comfort	Q. 69	A	B	C	D	E
		Ease of Student Learning	Q. 70	A	B	C	D	E
Technology Standard 6. Students apply technological abilities and knowledge to construct new personal understanding.		Technology						
Q. 71-72	analyze and apply existing information to generate personal understanding.	Teacher Content Comfort	Q. 71	A	B	C	D	E
		Ease of Student Learning	Q. 72	A	B	C	D	E
Q. 73-74	create a collection of original work using various technologies.	Teacher Content Comfort	Q. 73	A	B	C	D	E
		Ease of Student Learning	Q. 74	A	B	C	D	E
Q. 75-76	apply a variety of technologies to investigate a problem across content areas.	Teacher Content Comfort	Q. 75	A	B	C	D	E
		Ease of Student Learning	Q. 76	A	B	C	D	E
Q. 77-78	apply personal understanding and technologies to develop an invention or original solution to an authentic problem.	Teacher Content Comfort	Q. 77	A	B	C	D	E
		Ease of Student Learning	Q. 78	A	B	C	D	E